

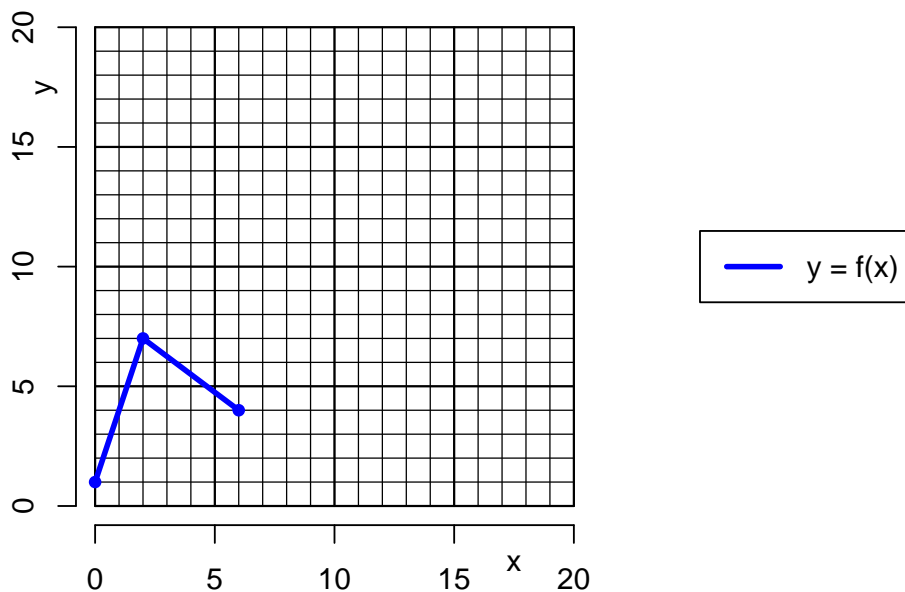
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 50)

Question 1

Curve $y = f(x)$ contains points $(0, 1)$ and $(2, 7)$ and $(6, 4)$, as shown on the x - y plane below.

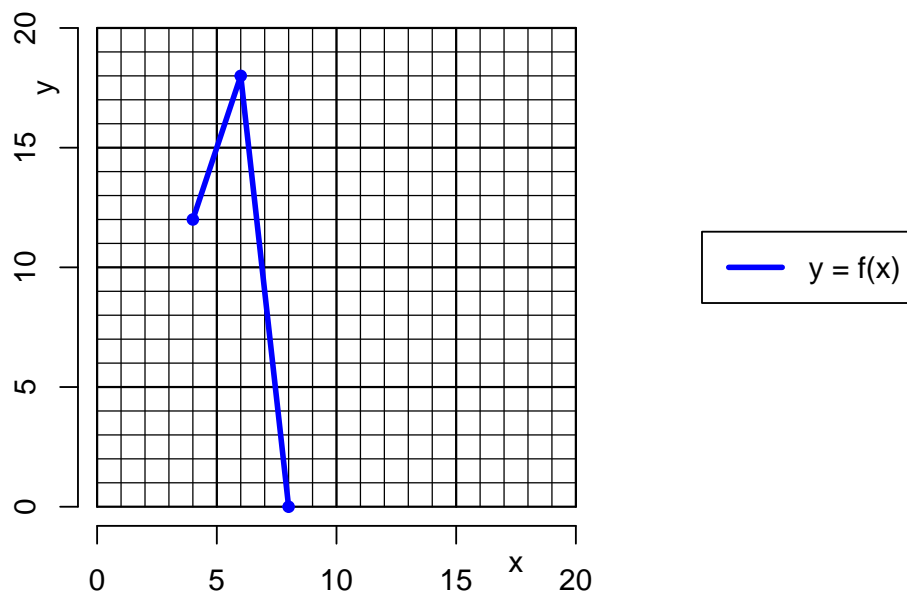


On the same plane, please draw the curve represented by the equation below:

$$y = 3 \left(f \left[\frac{x}{2} - 2 \right] - 1 \right)$$

Question 2

Curve $y = f(x)$ contains points $(4, 12)$ and $(6, 18)$ and $(8, 0)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{3} + 4\right] + 2}{2}$$